

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) SAW A surface acoustic wave filter[[,]] comprising:
constructed on the surface of a piezoelectric substrate;
containing two electrically interconnected acoustic tracks on the piezoelectric substrate, the
acoustic tracks being adjacent and electrically interconnected positioned neighboring each other, in
which the acoustic tracks comprising electro-acoustic transducers, the electro-acoustic transducers
comprising an (W1, W2) acting as input transducer and an output transducer; and respectively are
positioned,
where a metallie shielding structure (AS) that is metallic and that is connected to ground, the
shielding structure being is positioned between the two acoustic tracks, which shields the shielding
structure shielding a first electro-acoustic transducer in a first acoustic track from a second electro-
acoustic transducer in a second acoustic track at least two transducers positioned in different tracks
against each other.
2. (Currently Amended) SAW filter in accordance with The surface acoustic wave filter of
claim 1, where wherein the two first and second electro-acoustic transducers (W1, W2) shielded
against each other each have one a bus bar facing the shielding structure (AS), and where wherein at

least one of these bus bars bar facing the shielding structure is electrically floating or connected to a voltage that is different from other than ground.

3. (Currently Amended) ~~SAW filter in accordance with~~ A DMS filter comprising the surface acoustic wave filter of claim 1 or 2, [[- designed as DMS filter]], wherein the first electro-acoustic transducer comprises the input transducer and the second electro-acoustic transducer comprises the output transducer, the DMS filter further comprising:

~~[[-]] with a first transducer serving as input transducer (W1) and a first coupling transducer (K1) in the first acoustic track, the first coupling transducer comprising a first bus bar;~~

~~[[-]] with a second coupling transducer (K2) and second transducer serving as output transducer (W2) in the second acoustic track, the second coupling transducer comprising a second bus bar; and~~

~~[[-]] with a coupling line that electrically connects the first and second bus bars; electrically connecting one bus bar of the first and second coupling transducers, respectively~~

~~[[- where]] wherein the shielding structure (AS) is positioned between the first electro-acoustic transducer and the second electro-acoustic transducer.~~

4 (Currently Amended) ~~SAW filter in accordance with~~ The DMS filter of claim 3, wherein the first bus bar comprises a bus bar of the first coupling transducer that is furthest from the second acoustic track, and the second bus bar comprise a bus bar of the second coupling transducer that is furthest from the first acoustic track where the coupling line (KL) in each track is connected to that bus

~~bar of the corresponding coupling transducer (K1, K2), respectively, which is farther away from the other track.~~

5 (Currently Amended) SAW filter in accordance with The DMS filter of claim 4, further comprising:

~~where the acoustic tracks are bordered by two reflectors~~ that sandwich the acoustic tracks;
~~(R, R'), respectively,~~

~~where~~ wherein the coupling line (KL) ~~is routed~~ extends around the reflectors outside the acoustic tracks.

6 (Currently Amended) SAW filter in accordance with one of the claims 3 to 5, The DMS filter of claim 3, wherein ~~where~~ the shielding structure (AS) is connected to an external ground and to the a bus bar of one of the coupling transducers (K1, K2) respectively, which a coupling transducer that is not connected to the coupling line (KL).

7. (Currently Amended) SAW filter in accordance with one of the claims 1 to 6, The surface acoustic wave filter of claim 1, further comprising: ~~where the acoustic tracks are bordered by~~

~~two reflectors~~ that border the acoustic tracks; (R) respectively,

~~where~~ wherein the shielding structure (AS) is connected to an external ground and to the reflectors.

8 (Currently Amended) SAW filter in accordance with one of the claims 3 to 7, The DMS filter of claim 3, wherein the first electro-acoustic transducer comprises a first outer bus bar and the second electro-acoustic transducer comprises a second outer bus bar, the first outer bus bar comprising a bus bar of the first electro-acoustic transducer that is furthest from the second acoustic track, and the second outer bus bar comprising a bus bar of the second electro-acoustic transducer that is furthest from the first acoustic track, the first outer bus bar comprising first and second sub-bars, the second outer bus bar comprising third and fourth sub-bars, the first and second sub-bars being connected to first and second input terminals, respectively, and the third and fourth sub-bars being connected to first and second output terminals, respectively; where in the first and the second transducer (W1, W2) the bus bar that is further away from the neighboring track in each case is divided into two sub-bars, which means that each sub-bar of the first transducer (W1) is connected to one of the external terminals of the input (IN) and each sub-bar of the second transducer (W2) is connected to one of the external terminals of the output (OUT), and

where wherein the first electro-acoustic transducer and the second electro-acoustic transducer operate symmetrically and second transducers (W1, W2) serving as input transducer and output transducer are assigned to a corresponding symmetrical input or output (IN, OUT).

9. (Currently Amended) SAW filter in accordance with one of the claims 1 to 8, The surface acoustic wave filter of claim 1, wherein where the transducers (W1, W2) first electro-acoustic transducer, the second electro-acoustic transducer, and the shielding structure (AS) are made up of the a same metal plating.

10. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 9, where~~ The surface acoustic wave filter of claim 9, wherein the metal plating of the transducers (W1, W2) and the ~~shielding structure (AS) have~~ comprises a layer of aluminum or an alloy containing aluminum, or a multiple-layer composition ~~which~~ that contains at least one layer of aluminum or of an aluminum alloy.

11. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 10, where~~ The surface acoustic wave filter of claim 1, further comprising:

a carrier on which the piezoelectric substrate is mounted on a carrier in a flip-chip arrangement[[],]; and

~~where an electricity~~ an electrically-conducting connection is performed between a connecting surface ~~positioned~~ on the carrier and the shielding structure, the electrically-conducting connection comprising (AS) with one or more bumps.

12. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 11, where~~ The surface acoustic wave filter of claim 1, wherein the shielding structure (AS) ~~extends is~~ is at least along the an entire length of the two first and second electro-acoustic transducers (W1, W2) to be ~~shielded against each other.~~

13. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 12, where~~
The surface acoustic wave filter of claim 1, wherein the shielding structure (AS) has a width which
that is noticeably larger than the facing bus bars of the first and second electro-acoustic transducers
~~transducer (W1, W2) that face each other.~~